

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 Claim 1 (original): A print system formed of a digital
2 camera and a printer, each including control means for
3 controlling operations thereof, functionally connected
4 one to another;

5 wherein the digital camera has a configuration
6 wherein the data forming an image which is to be printed
7 with the printer can be supplied to the printer, a
8 secondary battery, which is a power source thereof, can
9 be charged by receiving electric power supplied from the
10 printer, and the state of each function including the
11 state of the secondary battery can be displayed on a
12 predetermined display unit, under control of the control
13 means thereof;

14 and wherein the printer has a configuration wherein
15 an image can be printed based upon the image data
16 supplied from the digital camera, and electric power can
17 be supplied to the digital camera so as to charge the
18 secondary battery thereof, under control of the control
19 means thereof;

20 and wherein the digital camera has a configuration
21 wherein in the event that the digital camera and the
22 printer are functionally connected one to another, a
23 display is displayed on a predetermined display unit
24 thereof for notifying the state of the secondary battery.

1 Claim 2 (original): A print system according to Claim 1;
2 wherein in the event that a display is displayed on the

3 predetermined display unit of the digital camera for
4 notifying the state of the secondary battery under
5 control of the control means thereof, and a predetermined
6 operation for preparation for printing an image has been
7 received under control of the control means of the
8 digital camera, the display unit is switched to the mode
9 for displaying the corresponding image.

1 Claim 3 (original): A print system according to Claim 2,
2 wherein the predetermined operation for preparation for
3 printing the image includes an operation for selecting an
4 image which is to be printed under control of the control
5 means.

1 Claim 4 (original): A print system according to Claim 1,
2 wherein the display for notifying the state of the
3 secondary battery displays the remaining battery power of
4 the secondary battery, necessity of charging, an
5 estimated value of charging time, or the like, under
6 control of the control means.

1 Claim 5 (original): A print system according to Claim 1,
2 wherein an image which is to be printed, or which is a
3 candidate to be printed, is displayed on a predetermined
4 display unit of the digital camera as a main display with
5 a relatively large size, under control of the control
6 means.

1 Claim 6 (original): A print system according to Claim 1,
2 wherein a first display arrangement wherein an image
3 which is to be printed, or which is a candidate to be
4 printed, is displayed as a main display with a relatively
5 large size, and a display for notifying the state of the
6 secondary battery is displayed as a sub-display with a
7 relatively small size, on the same screen on the
8 predetermined display unit of the digital camera, and a
9 second display arrangement wherein a display for
10 notifying the state of the secondary battery is displayed
11 as a main display with a relatively large size, and an
12 image which is to be printed, or which is a candidate to
13 be printed, is displayed as a sub-display with a
14 relatively small size, on the same screen, are freely
15 selected by the user, under control of the control means.

1 Claim 7 (original): A print system according to Claim 1,
2 wherein in the event that a display is performed for
3 notifying the state of the secondary battery on the
4 predetermined display unit of the digital camera, and the
5 user performs no operation for the digital camera for a
6 predetermined first period of time or more, the display
7 is turned off, under control of the control means.

1 Claim 8 (original): A print system according to Claim 1,
2 wherein in the event that a display is performed for an
3 image which is to be printed, or which is a candidate to
4 be printed, on the predetermined display unit of the
5 digital camera, and the user performs no operation for
6 the digital camera for a predetermined second period of

7 time or more, the display is turned off, under control of
8 the control means.

1 Claim 9 (original): A print system according to Claim 1,
2 wherein in a case that a display is performed for an
3 image which is to be printed, or which is a candidate to
4 be printed, on the predetermined display unit of the
5 digital camera, and the user performs no operation for
6 the digital camera for a predetermined second period of
7 time or more, and in the event the secondary battery is
8 not being presently charged, the display is turned off,
9 and on the other hand, in the event that the secondary
10 battery is being presently charged, the display is
11 automatically switched to a display for notifying the
12 state of the secondary battery, and furthermore, in the
13 event that the display is performed for notifying the
14 state of the secondary battery due to the switching, and
15 the user performs no operation for the digital camera for
16 a predetermined first period of time or more, the display
17 is turned off, under control of the control means.

1 Claim 10 (original): A print system according to Claim
2 1, wherein upon completion of charging of the secondary
3 battery of the digital camera by receiving electric power
4 supplied from the printer, a display is performed on the
5 predetermined display unit of the digital camera for
6 notifying the completion of charging, under control of
7 the control means.

1 Claim 11 (original): A print system formed of a digital
2 camera and a printer, each including control means for
3 controlling operations thereof, functionally connected
4 one to another,

5 wherein the digital camera includes: image data
6 transmitting means for supplying the image data forming
7 an image which is to be printed with the printer, of the
8 image data acquired by the image-taking means, to the
9 printer, under control of the control means thereof and
10 the control means of the printer, communicating with each
11 other; a charging circuit for charging a secondary
12 battery employed as a power source thereof by receiving
13 electric power supplied from the printer; a battery
14 monitoring circuit unit for detecting and monitoring the
15 state of the secondary battery, and supplying the
16 detected data to the control means of the digital camera;
17 display means for displaying the state of each function
18 including the state of the secondary battery on a
19 predetermined display unit under control of the control
20 means of the digital camera; and an operation unit for
21 receiving operations performed by the user;

22 and wherein the printer includes: image data
23 receiving means for receiving image data supplied from
24 the digital camera, under control of the control means
25 thereof and the control means of the digital camera,
26 communicating with each other; printing means having a
27 configuration wherein an image can be printed based upon
28 the received image data; and an electric power supply
29 circuit having a configuration wherein electric power can
30 be supplied to the digital camera so as to charge the
31 secondary battery;

32 and wherein the digital camera has a configuration
33 wherein the information with regard to the state of the
34 secondary battery detected and acquired by the battery
35 monitoring circuit unit at the time of the start of the
36 print system is displayed on the display unit under
37 control of the control means thereof.

1 Claim 12 (currently amended): A print system according
2 to Claim ~~4~~ 11, wherein the digital camera has a
3 configuration wherein in the event that the state of the
4 secondary battery is displayed on the display unit
5 thereof, and the user performs a predetermined operation
6 in preparation for printing an image for the operation
7 unit, the display on the display unit is switched to the
8 mode for displaying the corresponding image, under
9 control of the control means of the digital camera.

1 Claim 13 (original): A print system according to Claim
2 12, wherein the predetermined operation for the operation
3 unit in preparation for printing the image is to be
4 recognized as being a predetermined operation for
5 selecting an image which is to be printed under control
6 of the control means.

1 Claim 14 (currently amended): A print system according
2 to Claim ~~4~~ 11, wherein the digital camera displays the
3 remaining battery power of the secondary battery,
4 necessity of charging, estimated value of charging time,
5 or the like, based upon the information with regard to
6 the state of the secondary battery detected and obtained

7 by the battery monitoring circuit, under control of the
8 control means.

1 Claim 15 (original): A print system according to Claim
2 11, wherein the digital camera has a configuration
3 wherein a first display arrangement wherein an image
4 which is to be printed, or which is a candidate to be
5 printed, is displayed as a main display with a relatively
6 large size, and a display for notifying the state of the
7 secondary battery is displayed as a sub-display with a
8 relatively small size, on the same screen on the display
9 unit of the digital camera, and a second display
10 arrangement wherein a display for notifying the state of
11 the secondary battery is displayed as a main display with
12 a relatively large size, and an image which is to be
13 printed, or which is a candidate to be printed, is
14 displayed as a sub-display with a relatively small size,
15 on the same screen, are freely selected by the user
16 performing operations for the operation unit, under
17 control of the control means thereof.

18

19 Claim 16 (original): A print system according to Claim
20 11, wherein the digital camera has a configuration
21 wherein in the event that a display is performed for
22 notifying the state of the secondary battery on the
23 display unit, and the user performs no operation for the
24 operation unit for a predetermined first period of time
25 or more, the display is turned off, under control of the
26 control means thereof.

1 Claim 17 (original): A print system according to Claim
2 11, wherein the digital camera has a configuration
3 wherein in the event that a display is performed for an
4 image which is to be printed, or which is a candidate to
5 be printed, on the display unit of the digital camera,
6 and the user performs no operation for the operation unit
7 for a predetermined second period of time or more, the
8 display is turned off, under control of the control means
9 thereof.

1 Claim 18 (original): A print system according to Claim
2 11, wherein the digital camera has a configuration
3 wherein in a case that a display is performed for an
4 image which is to be printed, or which is a candidate to
5 be printed, on the display unit, and the user performs no
6 operation for the operation unit for a predetermined
7 second period of time or more, and in the event the
8 secondary battery is not being presently charged, the
9 display is turned off, and on the other hand, in the
10 event that the secondary battery is being presently
11 charged, the display is automatically switched to a
12 display for notifying the state of the secondary battery,
13 and furthermore, in the event that the display is
14 performed for notifying the state of the secondary
15 battery due to the switching, and the user performs no
16 operation for the operation unit for a predetermined
17 first period of time or more, the display is turned off,
18 under control of the control means thereof.

1 Claim 19 (original): A print system according to Claim
2 11, wherein the digital camera has a configuration
3 wherein upon completion of charging of the secondary
4 battery by receiving electric power supplied from the
5 printer, a display is performed on the display unit for
6 notifying the completion of charging, under control of
7 the control means thereof.

1 Claim 20 (original): A digital camera employed for a
2 print system formed of the digital camera and a printer,
3 each including control means for controlling operations
4 thereof, functionally connected one to another, the
5 digital camera comprising:

6 image taking means for obtaining image data
7 corresponding to the subject;

8 image data transmitting means for supplying the
9 image data forming an image which is to be printed with
10 the printer, of the image data acquired by the image-
11 taking means, to the printer, under control of the
12 control means thereof and the control means of the
13 printer, communicating with each other;

14 a charging circuit for charging a secondary battery
15 employed as a power source thereof by receiving electric
16 power supplied from the printer;

17 a battery monitoring circuit unit for detecting and
18 monitoring the state of the secondary battery, and
19 supplying the detected data to the control means thereof;

20 display means for displaying the state of each
21 function including the state of the secondary battery on

22 a predetermined display unit under control of the control
23 means thereof; and
24 an operation unit for receiving operations performed
25 by the user.

1 Claim 21 (original): A digital camera according to Claim
2 20, wherein in the event that the state of the secondary
3 battery is displayed on the display unit, and the user
4 performs a predetermined operation in preparation for
5 printing an image for the operation unit, the display on
6 the display unit is switched to the mode for displaying
7 the corresponding image, under control of the control
8 means thereof.

1 Claim 22 (original): A digital camera according to Claim
2 21, wherein the predetermined operation in preparation
3 for printing the image includes an operation for the
4 operation unit for selecting an image which is to be
5 printed under control of the control means thereof.

1 Claim 23 (original): A digital camera according to Claim
2 20, wherein the remaining battery power of the secondary
3 battery, necessity of charging, an estimated value of
4 charging time, and the like, are displayed based upon the
5 information with regard to the state of the secondary
6 battery detected and obtained by the battery monitoring
7 circuit, under control of the control means.

1 Claim 24 (original): A digital camera according to Claim
2 20, wherein a first display arrangement wherein an image
3 which is to be printed, or which is a candidate to be
4 printed, is displayed as a main display with a relatively
5 large size, and a display for notifying the state of the
6 secondary battery is displayed as a sub-display with a
7 relatively small size, on the same screen on the display
8 unit, and a second display arrangement wherein a display
9 for notifying the state of the secondary battery is
10 displayed as a main display with a relatively large size,
11 and an image which is to be printed, or which is a
12 candidate to be printed, is displayed as a sub-display
13 with a relatively small size, on the same screen, are
14 freely selected by the user performing operations for the
15 operation unit, under control of the control means
16 thereof.

1 Claim 25 (original): A digital camera according to Claim
2 20, wherein in the event that a display is performed for
3 notifying the state of the secondary battery on the
4 display unit, and the user performs no operation for the
5 operation unit for a predetermined first period of time
6 or more, the display is turned off, under control of the
7 control means thereof.

1 Claim 26 (original): A digital camera according to Claim
2 20, wherein in the event that a display is performed for
3 an image which is to be printed, or which is a candidate
4 to be printed, on the display unit, and the user performs
5 no operation for the operation unit for a predetermined

6 second period of time or more, the display is turned off,
7 under control of the control means thereof.

1 Claim 27 (original): A digital camera according to Claim
2 20, wherein in a case that a display is performed for an
3 image which is to be printed, or which is a candidate to
4 be printed, on the display unit, and the user performs no
5 operation for the operation unit for a predetermined
6 second period of time or more, and in the event that the
7 secondary battery is not being presently charged, the
8 display is turned off, and on the other hand, in the
9 event that the secondary battery is being presently
10 charged, the display is automatically switched to a
11 display for notifying the state of the secondary battery,
12 and furthermore, in the event that the display is
13 performed for notifying the state of the secondary
14 battery due to the switching, and the user performs no
15 operation for the operation unit for a predetermined
16 first period of time or more, the display is turned off,
17 under control of the control means thereof.

1 Claim 28 (original): A digital camera according to Claim
2 20, wherein upon completion of charging of the secondary
3 battery by receiving electric power supplied from the
4 printer, a display is performed on the display unit for
5 notifying the completion of charging, under control of
6 the control means thereof.

1 Claim 29 (original): A printer employed for a print
2 system formed of a digital camera and the printer, each

including control means for controlling operations thereof, functionally connected one to another, the printer comprising:

image data receiving means for receiving the image data supplied from the digital camera;

printing means having a configuration wherein an image can be printed based upon the received image data; and

an electric power supply circuit having a configuration wherein electric power can be supplied to the digital camera so as to charge the secondary battery employed in the digital camera.

Claim 30 (original): A print system formed of a digital camera and a printer, each including control means for controlling operations thereof, functionally connected one to another, wherein;

the digital camera includes: image data transmitting means for supplying the image data forming an image which is to be printed with the printer, of the image data acquired by the image-taking means, to the printer, under control of the control means thereof and the control means of the printer, communicating with each other; a charging circuit for charging a secondary battery employed as a power source thereof by receiving electric power supplied from the printer; a battery monitoring circuit unit for detecting and monitoring the state of the secondary battery, and supplying the detected data to the control means of the digital camera; display means for displaying the state of each function including the

18 state of the secondary battery on a predetermined display
19 unit under control of the control means of the digital
20 camera; and an operation unit for receiving operations
21 performed by the user;

22 and wherein the printer includes: image data
23 receiving means for receiving image data supplied from
24 the digital camera, under control of the control means
25 thereof and the control means of the digital camera,
26 communicating with each other; printing means having a
27 configuration wherein an image can be printed based upon
28 the received image data by driving a thermal head
29 thereof; and an electric-power supply circuit having a
30 configuration wherein electric power can be supplied to
31 the digital camera so as to charge the secondary battery;

32 and wherein the digital camera has a configuration
33 wherein charging of the secondary battery employed
34 therein, performed by the charger, is stopped during a
35 period in time of the thermal head of the printer being
36 driven, under control of the control means thereof and
37 the control means of the printer, communicating with each
38 other.

1 Claim 31 (original): A digital camera employed for a
2 print system formed of the digital camera and a printer,
3 each including control means for controlling operations
4 thereof, functionally connected one to another, the
5 digital camera comprising:

6 image taking means for obtaining image data
7 corresponding to the subject;

8 image data transmitting means for supplying the
9 image data forming an image which is to be printed with
10 the printer, of the image data acquired by the image-
11 taking means, to the printer, under control of the
12 control means thereof and the control means of the
13 printer, communicating with each other;

14 a charging circuit for charging a secondary battery
15 employed as a power source thereof by receiving electric
16 power supplied from the printer;

17 a battery monitoring circuit unit for detecting and
18 monitoring the state of the secondary battery, and
19 supplying the detected data to the control means thereof;

20 display means for displaying the state of each
21 function including the state of the secondary battery on
22 a predetermined display unit under control of the control
23 means thereof; and

24 an operation unit for receiving operations performed
25 by the user;

26 wherein the charging circuit has a configuration
27 wherein charging of the secondary battery employed
28 therein is stopped during a period in time of the thermal
29 head of the printer being driven, under control of the
30 control means thereof and the control means of the
31 printer, communicating with each other.